

## Q8 Terra 8000 Long Drain FE 5W-30

Synthetic UHPD ACEA E8 / E6 / E11 / E9 / E7 engine oil for off-road applications

### Description

The Q8 Terra 8000 Long Drain FE 5W-30 is a superior ultra high performance low SAPS synthetic engine oil for modern agricultural machinery. This product offers exceptional protection against engine wear, specifically against cam wear, and provides fuel economy improvements up to 1% or more. The product supports extended drain intervals and is compatible with biofuels. It meets the ACEA E11, E8 and API CK-4 specifications.

### Applications

Q8 Terra 8000 Long Drain FE 5W-30 can be used in most Stage III / IV / V and Tier 3 / 4 diesel engines equipped with after treatment systems and operating on low sulphur diesel fuel. It is formulated for use in heavy-duty agricultural engines, including those operating under severe conditions, both in the field and on the road. Extended drain intervals can be applied based on operating conditions. The oil is compatible with engines requiring Volvo VDS-4.5 performance standards and meets ACEA E7/E8/E11, API CK-4, as well as the most important agricultural engine oil specifications.

### Benefits

- Superior protection against engine wear.
- Fuel economy improvement up to 1%.
- Superior catalytic after treatment system (SCR) protection.
- Exceptional engine protection after cold start.
- Best-in-class engine cleanliness.

### Specifications, recommendations and approvals

ACEA	E11 / E 9	Liebherr	LH-00-ENG5C LA
ACEA	E7	MAN	M 3271-1
ACEA	E8 / E6	MAN	M 3477
API	CK-4	MAN	M 3677
Case New Holland	MAT 3521	MAN	M 3775
Caterpillar	ECF-3	MB	226.9
Cummins	CES 20081 / 20086	MB	227.61 (DTFR 15D100)
Daimler Truck AG	DTFR 15C100 (MB 228.31)	MB	228.31 (DTFR 15C100)
Daimler Truck AG	DTFR 15C110 (MB 228.51)	MB	228.51 (DTFR 15C110)
Daimler Truck AG	DTFR 15C120 (MB 228.52)	MB	228.52 (DTFR 15C120)
Daimler Truck AG	DTFR 15D100 (MB 227.61)	MTU	Type 3.1
Detroit Diesel	DFS 93K218 / 93K222	Mack	EO-S 4.5 *
Deutz	DQC IV-10 LA	Renault	RLD-3 *
Deutz	DQC IV-18 LA	Volvo	CNG
JASO	DH-2	Volvo	VDS-4
Komatsu	KES 07.851.2	Volvo	VDS-4.5 *
Liebherr	LH-00-ENG LA		

\* Pending approval

## Properties

	Method	Unit	Typical
Viscosity Grade	SAE J300	SAE	5W-30
Density, 15 °C	D 4052	g/ml	0,857
Kinematic Viscosity, 40 °C	D 445	mm²/s	70.9
Kinematic Viscosity, 100 °C	D 445	mm²/s	11.7
Viscosity Index	D 2270	-	161
Pour Point	D 97	°C	-45
Flash Point, P-M	D 93	°C	229
Total Base Number	D 2896	mg KOH/g	10.1
Sulfated Ash	D 874	% mass	1.0

The figures above are not a specification. They are typical figures obtained within production tolerances.

## Sustainability

The product Carbon Footprint (PCF), cradle-to-gate (Q8Oils state of the art facility in Belgium), of Q8 Terra 8000 Long Drain FE 5W-30 is **1.30** kg CO<sub>2</sub>eq / kg.

Please contact Q8Oils to learn more about the positive environmental impact, the handprint, of this product.

To ensure accuracy and reliability, the PCF calculation tool has been verified by an independent third party. The verification report is available in the disclaimer.

For more info check here



**we  
take  
care**

PRODUCT CARBON FOOTPRINT  
METHOD VALIDATED BY:

PCF CALCULATION IN LINE WITH:  
ISO 14067 | ATIEL-UEIL PCF

